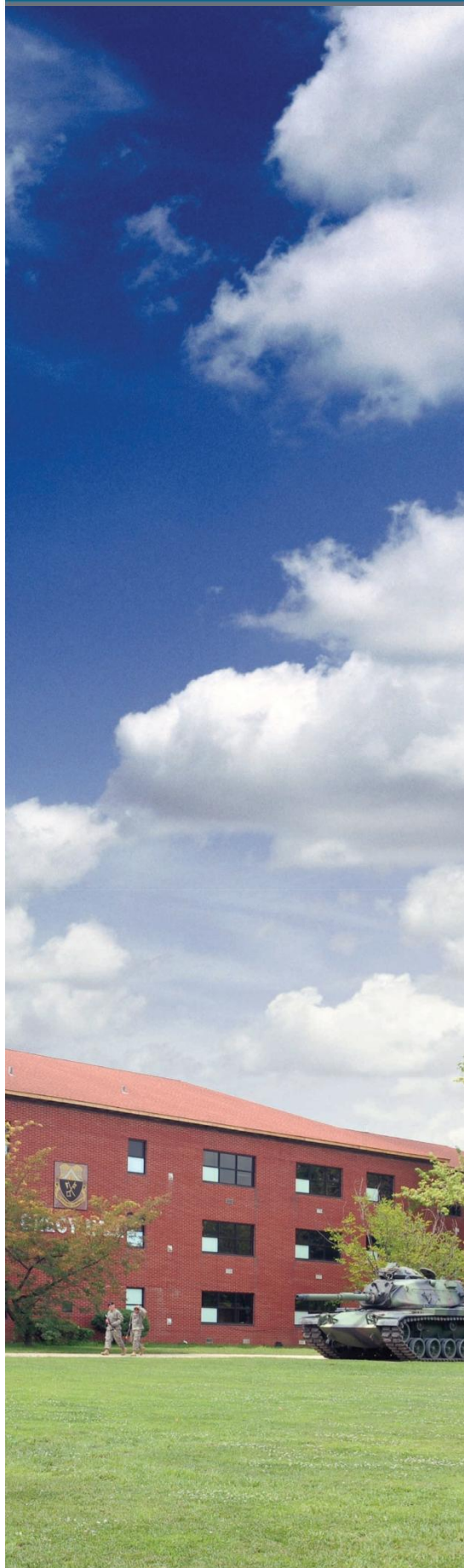


2011 Criteria & Guidelines

For the Federal Energy and Water
Management Awards

February 2011



1. OVERVIEW

The U.S. Department of Energy's (DOE) Federal Energy Management Program (FEMP) facilitates the Federal Government's implementation of sound, cost-effective energy management and investment practices to enhance the nation's energy security and environmental stewardship.

FEMP, in conjunction with the Federal Interagency Energy Management Task Force, will present the 2011 Federal Energy and Water Management Awards (Federal Awards). The purpose of these awards is to recognize outstanding achievements in energy and water efficiency, renewable energy, and fleet management from within the Federal government. FEMP will give awards in five categories. The categories are:

- A. Project Awards** for teams that are exemplary in their implementation of energy efficiency, water efficiency, renewable energy, and/or vehicle fleet management projects
- B. Program Awards** for teams that implement and institutionalize effective management, policy, and strategy of energy, water, and/or fleet management
- C. Exceptional Service Awards** for individuals in recognition of extraordinary service to their agencies
- D. Contracting Awards** for individuals with exemplary contracting support to their agencies
- E. FEMP Program Manager's Award** for a team or individual with exceptional achievements from the other categories. This award is given at the discretion of the Program Manager

2. AWARD CATEGORY DEFINITIONS

- A. Project Award (team):** A project nomination must describe either a discreet activity or set of activities that directly resulted in measured energy or water savings, renewable energy production, or fleet efficiencies at a facility or campus in fiscal year (FY) 2010. Nominations should describe projects that are particularly exceptional or innovative and go beyond "business as usual" measures. Examples include, but are not limited to, construction of a net-zero energy building or significant process improvements that save energy and water. Agencies also are strongly encouraged to nominate projects that include multiple types of sustainable energy and water management (energy efficiency, renewable energy, water efficiency, and/or vehicle fleet management), large scale projects, projects where replication is planned, projects using innovative technologies, or projects that show results due to non-traditional actions.
- B. Program Award (team):** Program nominations must describe an effective *management* approach that has led to successful institutionalization of energy and water efficiency, renewable energy, and/or fleet management efforts across an organization, region, or campus in FY 2010. Nominations should focus on the institutionalization of policies and strategies that clearly contributed to meeting/exceeding the goals of E.O. 13514, E.O. 13423, the Energy Independence and Security Act of 2007, and/or other energy and water regulations. While nominations should focus on results achieved in (or through) FY2010, sustained savings over time should also be included in program nominations if applicable. Programs may have been instituted prior to FY2010. Examples include, but are not limited

to: development and institutionalization of a top-down renewable energy strategy that resulted in an extraordinary production of renewable energy; institutionalization of a new set of fleet management practices that drastically decreased petroleum fuel use across an entire campus and were transferred to other locations; or implementation of a new comprehensive set of sustainable energy management policies that resulted in a region exceeding a number of its requirements.

- C. Exceptional Service Award (individual):** Nominees should be extraordinary individuals who have been directly responsible for creating and instituting innovative and effective programs, projects, or technologies and/or have otherwise significantly helped the agency meet its energy goals, including reducing greenhouse gas emissions.¹
- D. Contracting Award (individual):** Nominees should be exceptional individuals who used innovative contracting methods and excellence in procuring services to implement energy projects for an agency/organization. Examples include using a mix of contracting methods, institutionalizing new default standards or incentives, or using integrated purchasing. FEMP strongly encourages agencies to include contracting staff in nominations for the Project and Program categories, as applicable.
- E. FEMP Program Manager's Award:** The FEMP Program Manager, at his/her discretion may award special citation(s) for unique contributions to Federal energy management, water efficiency, fleet management, sustainable design, and/or use of renewable energy. The Program Manager's award will be given to one of the winners from the other four categories and will be announced at the ceremony in October. No separate nomination is required.

3. ELIGIBILITY

- A. Nominations under the Project category should be submitted for projects that were completed or realized first savings in FY 2010. ***If you have not completed installation and measured savings from the project, please defer your nomination until next year.*** Nominations under the Program, Exceptional Service, or Contracting categories should focus on FY 2010 achievements, but may also consider past accomplishments as applicable.
- B. Federal personnel or contractor operators of Federal organizations, facilities, fleets, or mobility vehicles (ships or aircraft) may be nominated for any award category. Non-Federal contributors may be nominated only as part of a team effort at a Federal facility under the Project or Program categories.

Project or Program: Nominees under these categories are limited to teams of no more than five (5) individuals who each made significant and direct contributions to the achievements reflected in the nominated project or program *or* who are representing the achievements of a larger team or organization.

¹ The Exceptional Service category has been expanded to include project or program efforts directly attributable to one outstanding Federal employee, and is no longer restricted to one nomination per agency.

Exceptional Service or Contracting: These categories are restricted to individual nominations. Nominees must be directly responsible for the achievement(s) reflected in the nomination.

- C. An individual or team who won a Federal Energy and Water Management award in 2010 is not eligible to win an award in 2011 **for the same achievement at the same location**. However, that individual or team is eligible to win an award for a new effort/category, provided that the nomination meets all other eligibility requirements.

4. INSTRUCTIONS FOR SUBMISSIONS

Each civilian agency and each service within the Department of Defense (Defense Logistics Agency, Army, Navy, Air Force, Marine Corps, and other Defense Agencies) may submit up to 15 nominations for Federal Awards.

- A. Nomination Components:** Each nomination must include the following information entered directly into the on-line system:

Basic Information	Project name, agency, and the state where the project or program was implemented
Savings Data	Include ALL savings data as appropriate to support the nomination category and aid the evaluation process. At minimum: total energy/water/fuel costs and Btu and/or gallons saved or amount of renewable energy produced in FY 2010 as compared to the previous year. Please also include projected life cycle cost savings, life cycle energy savings, and/or life cycle renewable energy production. Additionally, nominations should provide an estimate of annual avoided greenhouse gas emissions that resulted from the project in FY 2010, as available. <i>If there are no data available, please provide an explanation as part of the narrative.</i>
Award Category	Choose a category: Project, Program, Exceptional Service or, Contracting
Contact Information	Provide the name, title, mailing address, e-mail address, and telephone numbers for the nominee(s).
Summary	Type a summary of the nomination directly into the on-line form. In no more than 200 words, highlight the significance of the achievement, investment costs, energy/water/fuel saved as a result of the achievement, renewable energy produced, avoided greenhouse gas emissions, impact (reduction) on the facility's consumption, use of innovative methods, institutionalization, and future potential for savings or scale-up. <i>Note: the summary should NOT be considered a substitute for the written narrative.</i>
Written Narrative	Upload a written narrative of the accomplishment and optional attachments. This is the most important part of the nomination package and should clearly address all the evaluation criteria for the respective award. Please see 4.B. for instructions and Section 6 for the criteria required for each award category.

B. Instructions for the Written Narrative

All nominations **must** contain written narratives **not to exceed four single-spaced pages** using a minimum of 11 point font. Additional pages will be discarded prior to panel evaluation.

The narrative should describe the activities and accomplishments of the team or individual during fiscal year 2010. It should address all criteria relevant to the nomination category, including quantifiable data on costs and savings, progress towards goals, barriers overcome, evidence of changed processes and behaviors, new and synergistic paths toward sustainability, and other relevant implementation and management successes.

See Section 6 for more detail on specific criteria that apply to your nomination. **It is strongly encouraged that applicants organize narratives according to the applicable criteria so that all required information is addressed.**

Supplemental materials such as photographs or other relevant documentation should be appended if they directly illustrate the impact of the project. *Supplemental materials do not count toward the four page limit.*

5. SELECTION PROCESS

A panel of evaluators will review and score nominations. As part of your narrative, please include detailed information for **each** applicable award criterion. In scoring the nominations, the evaluators will score the nominations on all applicable criteria listed in Section 6. Each criterion will be scored between 0 (no information or explanation provided) and 10 (maximum score).

6. SELECTION CRITERIA DEFINITIONS AND NARRATIVE GUIDANCE

Project and Program Award

A. **Details:** Provide a clear summary of the nominated effort(s).

Project Nominations: include the steps taken, technologies/best management practices employed, and methods used to reduce energy and/or water consumption, increase renewable energy use, and/or reduce fleet petroleum use for all applicable projects implemented in FY 2010. Nominations should focus on projects that are exceptional and innovative, going beyond “business as usual” measures. Discuss if/how the nominated project(s) uses multiple strategies for sustainable energy management and reducing greenhouse gases; if future projects of the same type are planned; and/or potential for scale-up.

Program Nominations: include descriptions of pertinent policies, strategies, and management approaches developed/implemented, as well as any related projects and practices implemented in FY 2010 as part of the overall program effort.

- B. **Savings:** *Nomination success depends in large part on the extent to which the narrative provides **comparable and quantifiable data that demonstrates change resulting from the activity.***

Note, this criterion carries a scoring weight of 2x. If data on savings estimates are not available, the nomination should provide a thorough explanation.

Project Nominations: Please include all data showing applicable savings achieved by project(s) completed in FY 2010² while enhancing facilities and operations or business practices.

- a. Energy Efficiency and/or Water Efficiency: Include the **investment cost of the project, cost savings** (or potential cost savings) resulting from the project, and the amount of **energy and or/water saved** as a result of the project. For energy or water savings, please include the absolute quantity, percentage when compared to the previous fiscal year, and lifecycle savings. Evaluators measure cost effectiveness of the investment by the ratio of savings to investment.
- b. Renewable Energy: Include total Btu generated by renewable energy (displacing Btu generated by fossil fuels) and estimated lifecycle renewable energy production.
- c. Vehicle Fleet Management: Include decreased use of petroleum and increased use of alternative fuels in fleet vehicles as a percentage when compared to the previous fiscal year and compared to FY 2005 (baseline).

Program Nominations: Please include savings of the overall effort(s) toward achieving any applicable quantifiable goals of Executive Orders 13514 and 13423 and/or other energy and water regulations, especially savings from innovative, integrated measures. Please include FY 2010 savings from baseline years as well as the previous fiscal year, noting sustained savings over time as applicable. Evidence, such as survey evidence or evidence of changed attitudes and behavior may also be submitted.

- C. **Environmental/Non-Energy Benefits:** Discuss and provide data demonstrating how the nominated project or program contributes to improved outdoor air quality and reduced greenhouse gas emissions. Describe any other environmental benefits, which may include strategies/technologies employed to reduce stormwater runoff and discharges of polluted water offsite, enhance indoor air quality, and reduce environmental impact of materials. Also include descriptions of ancillary benefits such as increased comfort, convenience, team-building, or workflow. Describe if/how the project makes it easier to accomplish the organizational mission, enhances the functioning of the organization, and improves work processes.
- D. **Institutionalization:** Show how the team has institutionalized the project/program by describing how energy or resource savings are built into the way work is conducted (e.g.

² Only projects that were completed or first accrued savings in FY 2010 are eligible. Savings that began prior to FY 2010 (or projects that did not yet accrue savings in FY 2010) are not eligible.

have become standards of practice) and thus sustained over time. Discuss efforts to ensure the project/program is designed to have a lasting impact on the organization, demonstrate leadership in fostering the promotion of energy, water, and fleet management, and to expand the savings to other facilities/fleets or elsewhere in your agency. Discuss whether any steps must be taken to maintain the project/program's achievements. If so, discuss whether these steps are being implemented and institutionalized. If available, include documentation of individual or organizational behavior change. Evidence may include describing who changed, what they changed, and how they achieved the change. Also describe any reinforcements provided to encourage and maintain the changes in behavior.

- E. **Transferability:** Discuss if a project/program of this type has already been duplicated or adopted elsewhere, e.g. to other government agencies or the private sector. If not, describe any efforts currently underway to transfer knowledge to another project or program.

F. **Innovative New Technologies/Unique Operations and Processes:**

Note, this criterion carries a scoring weight of 2x.

Discuss the extent to which the project/program incorporated innovative strategies and tools to meet energy management goals. This includes the use of new and emerging energy efficient and renewable energy technologies and/or practices in lieu of commercially available technologies and/or standard practices. Include descriptions of innovations in operations and processes, success using non-traditional actions, as well as any unique or interesting aspects of the project or program that make it exemplary. These aspects may include a varied combination of strategies or tools that helped the project come to fruition or achieve more effective results.

Exceptional Service Award

Demonstrate that the individual proactively created and institutionalized innovative and effective energy efficiency, water conservation, or fleet management programs, projects, or technologies; increased the use of renewable energy; promoted sustainable, whole building/campus design; or in other ways played a major role in helping the agency meet or exceed its energy management goals. Nominations may focus either on projects or programs that were implemented and realized first savings in FY 2010, or on efforts over a significant period of service to the agency (10 or more years).

Please summarize accomplishments and describe the **extent to which the nominee:**

- A. Demonstrated leadership and commitment to set the standard followed by staff in working towards sustainability;
- B. Enabled the implementation and institutionalization of projects at the facility/agency;
- C. Used innovative tools and strategies to meet the agency's energy, water, and/or fleet management goals;
- D. Institutionalized or facilitated activities such as education, training, and other outreach designed to promote new workplace behaviors (institutional or individual).

Contracting Award

Demonstrate that the contracting staff institutionalized innovative contracting methods and achieved excellence in procuring services to implement energy projects for an agency/organization. Examples include using a mix of contracting methods, institutionalizing new default standards or incentives, or using integrated purchasing. Accomplishments should focus on a contribution to one or more major projects completed in FY 2010 and/or recent years. (For a longer term of service, please submit nomination as an Exceptional Service Award).

Please summarize accomplishments and describe how the nominee:

- A. Enabled the implementation of the project(s) at the facility/agency;
- B. Used innovative procurement tools and strategies such as a mix of contracting methods, new default standards or incentives, or integrated purchasing to meet the agency's energy, water, and/or fleet management goals; and
- C. Demonstrated leadership and a proactive nature during the project(s) by ensuring a timely cycle to award and maintaining strong communications with their internal team and the contractor team to ensure projects' success.

FEMP Program Manager's Award

At the discretion of the FEMP Program Manager, a special citation(s) may be given to a winning team or individual from the other award categories. The Program Manager's Award will be given to a team or individual that made the largest contributions to Federal energy management, water efficiency, greenhouse gas management, or use of renewable energy or that has enhanced an agency's efforts to achieve substantial savings through special circumstances. The FEMP Program Manager will announce the winner of this award at the Awards Ceremony in October. **No separate nomination is needed.**

7. SUBMISSION INSTRUCTIONS AND DEADLINES

Any civilian or military employee, or employees of private sector organizations, such as utilities, energy service companies, and industrial companies and associations, may submit nominations.

A. Submitting Nominations On-Line

Nominations must be submitted via FEMP's on-line nomination system at www.fempcentral.com/awards; only nominations submitted using FEMP's on-line system will be accepted for evaluation. Click the "Awards" box in the top left corner to get started.

B. Required Approvals and Due Dates

The deadline for all nominations is **May 13, 2011**. The nomination Web site will be closed after this date and late entries will not be considered for 2011 awards.

All nominations must be approved by the [agency's energy coordinator](#), who will be responsible for vetting and verifying claims made in the nominations as well as for reviewing and approving or rejecting each nomination. Nominations must be submitted by the nominator

and approved by the agency energy coordinator *using the on-line system* by the deadline of May 13, 2011 or will not be considered for award.

Your agency may establish earlier internal deadlines. Please contact your [agency's energy coordinator](#) in advance to confirm internal agency deadlines. To find your agency's energy coordinator, please visit http://www.femp.energy.gov/services/awards_contacts.html.

Please note that FEMP plans to highlight award winners in various DOE, EERE, and FEMP outreach activities. Examples of outreach may include, but are not limited, to website features, blog posts, newsletter articles or case studies. FEMP may contact award winners directly for additional information for these outreach activities.

8. AWARDS CEREMONY

Federal Award winners will be invited to attend the Awards Ceremony in Washington D.C. to be scheduled during Energy Awareness Month (October). Dates and locations for the ceremony have not yet been determined. For updates, please check the FEMP Web site at http://www.femp.energy.gov/services/awards_fewm.html.

APPENDIX 1: GLOSSARY

Contributor: Private source of support that significantly assists or enables an individual, small group, or organization in executing an energy savings performance contract or utility energy services contract at a Federal facility.

Energy Efficiency involves the reduction in facility energy use and/or costs based on identifying and implementing innovative energy conservation techniques.

Fiscal Year represents the government fiscal year, which begins on October 1 and ends on September 30 of the following year. All nominations being submitted for a 2011 award must involve activities that took place in fiscal year 2010, which began on October 1, 2009 and ended on September 30, 2010.

Green Purchasing (or the purchase or supply of energy efficient or water conserving products) involves specifying, acquiring, or supplying to other agencies products that are energy efficient, water conserving, or associated with green power purchases.

Innovative Technologies are new and emerging energy technologies used in lieu of a conventional energy technology to reduce conventional energy or water costs, and are defined as technologies that have been commercially available for fewer than three years or those technologies that have not significantly penetrated the Federal market.

Renewable Energy: Defined by the Energy Policy Act of 2005 as "electric energy generated from solar, wind, biomass, landfill gas, ocean (including tidal, wave, current, and thermal), geothermal, municipal solid waste, or new hydroelectric generation capacity achieved from increased efficiency or additions of new capacity at an existing hydroelectric project." It involves the implementation of renewable energy technologies or design concepts (such as principles of solar design) to substitute for or minimize the use of nonrenewable energy sources.

Sustainable Design: Facility or campus-wide projects that apply the five *Guiding Principles for Federal Leadership in High Performance and Sustainable Buildings*: employing integrated design, optimizing energy performance, protecting and conserving water, enhancing indoor environmental quality, and reducing the environmental impact of materials.

Transferability involves the extent to which the technologies, best practices, applications or strategies used at one facility can be used at other facilities.

Vehicle Fleet Management involves reducing a Federal fleet's total consumption of petroleum fuel and increasing the fleet's total non-petroleum-based fuel consumption. This could include increasing the use of alternative fuel, increasing fleet efficiency, or other management options.

Water Efficiency involves the reduction in water use intensity or cost at Federal facilities by initiating water projects and effective best management practices including, but not limited to, plumbing fixture retrofits, water reuse, and recycling programs, and awareness programs. This also includes landscape practices that utilize techniques that complement and enhance the local environment.

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